# Maine Weekly Influenza Surveillance Report

Maine Center for Disease
Control and Prevention

An Office of the
Department of Health and Human Services

April 21, 2010

### Cumulative data since April 27, 2009

- 2,235 lab tested cases of H1N1 to date
  - 232 Maine residents have been hospitalized
- 21 deaths reported to date\*
- 88% of lab confirmed H1N1 cases in Maine residents are under the age of 50 (range 0-89 years, mean of 23 years)

### **New\*\* This Week**

- Federal Flu Code: Sporadic
- No new confirmed cases of H1N1 this week
  - 2 deaths were found through death certificates this week, both occurred in December. Both deaths were known confirmed cases that passed away approximately a month after onset of H1N1.
- No new outbreaks

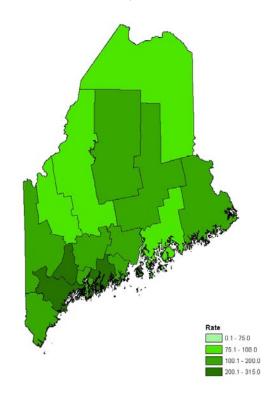
Characteristics of Lab Confirmed H1N1 Influenza Cases - Maine Residents, 2009 - 10

Age			At Risk				Hospital Care				Deaths	
Age Group	#	New	HCW	New	Pregnant	New	Hospitalized	New	ICU	New	#	New
<5	246	0	0	0	0	0	29	0	5	0	0	0
5 to 18	1012	0	1	0	0	0	29	0	7	0	0	0
19 to 24	225	0	11	0	8	0	15	0	2	0	1	0
25 to 49	482	0	37	0	23	0	62	0	17	0	3	0
50 to 64	208	0	15	0	0	0	65	0	25	0	7	0
≥65	62	0	0	0	0	0	32	0	10	0	10	0
Total	2235	0	64	0	31	0	232	0	66	0	21	0

Lab confirmed H1N1 Influenza Cases by County – Maine Residents, 2009 - 10

County	Maine Residents	New	Hosp	New		
				_		
Androscoggin	223	0	30	0		
Aroostook	64	0	8	0		
Cumberland	640	0	37	0		
Franklin	28	0	8	0		
Hancock	50	0	8	0		
Kennebec	158	0	18	0		
Knox	43	0	6	0		
Lincoln	103	0	1	0		
Oxford	69	0	8	0		
Penobscot	294	0	47	0		
Piscataquis	21	0	8	0		
Sagadahoc	43	0	0	0		
Somerset	47	0	6	0		
Waldo	44	0	2	0		
Washington	63	0	9	0		
York	345	0	36	0		
Total	2235	0	232	0		

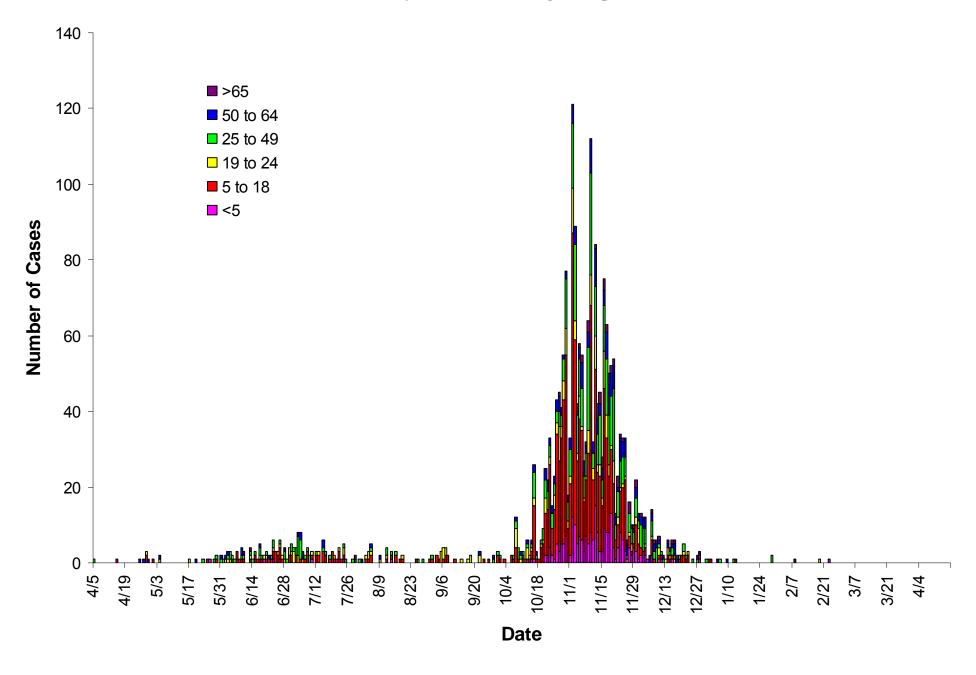
Lab Confirmed H1N1 Infections per 100,000 People by County - Maine Residents, 2009 - 10



<sup>\*</sup>Deaths continue to be found through Vital Records reporting, which has about a 3 month delay. We expect a small number of additional H1N1 deaths may be detected through this method.

<sup>\*\* &</sup>quot;New" defined as reported during the previous week (Sunday through Saturday)

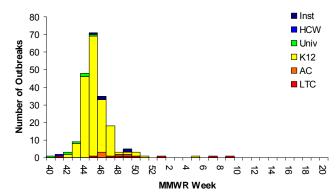
### Confirmed Cases of H1N1 Influenza By Onset Date\* and Age Group – Maine Residents, 2009 - 10



<sup>\*</sup>if onset date is not available, the date reported to the state is used as the onset date

# Influenza-Like Illness Outbreaks – Maine, 2009 – 2010 Influenza Season (October 4 – May 22)\*

 $Influenza-Like\ Illness\ Outbreaks\ by\ Facility\ Type\ -\ Maine,\ 2009-10$ 



#### **Outbreak Facility Type Key:**

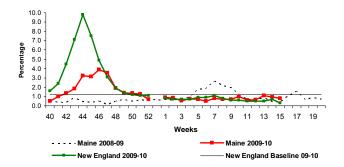
LTC - Long Term Care Facility
AC - Acute Care Facility (nosocomial)
K12 - School (K-12) or daycare
Univ - School (residential) or University
HCW - Health care workers
Inst - Other institutions (workplaces,
correctional facilities etc)

Influenza-Like Illness Outbreaks by Facility Type and County - Maine, 2009 - 10

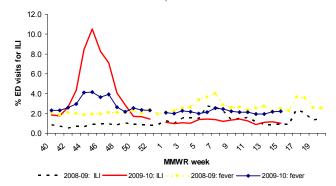
County	LTC	New	AC	New	K12	New	Univ	New	HCW	New	Inst	New
Androscoggin	1	0	2	0	17	0	1	0	0	0	0	0
Aroostook	0	0	1	0	12	0	0	0	0	0	0	0
Cumberland	0	0	2	0	14	0	0	0	0	0	1	0
Franklin	0	0	0	0	0	0	1	0	0	0	0	0
Hancock	0	0	0	0	10	0	0	0	0	0	0	0
Kennebec	2	0	0	0	24	0	0	0	0	0	0	0
Knox	0	0	0	0	4	0	0	0	0	0	0	0
Lincoln	0	0	0	0	6	0	0	0	0	0	1	0
Oxford	2	0	0	0	9	0	1	0	0	0	0	0
Penobscot	0	0	0	0	34	0	0	0	0	0	3	0
Piscataquis	0	0	0	0	5	0	0	0	0	0	0	0
Sagadahoc	0	0	0	0	3	0	0	0	0	0	0	0
Somerset	1	0	0	0	8	0	1	0	0	0	0	0
Waldo	0	0	0	0	9	0	0	0	0	0	0	0
Washington	0	0	0	0	8	0	1	0	0	0	0	0
York	3	0	0	0	14	0	1	0	0	0	1	0
Total	9	0	5	0	177	0	6	0	0	0	6	0

## Surveillance Information - Maine, 2009-2010 Influenza Season

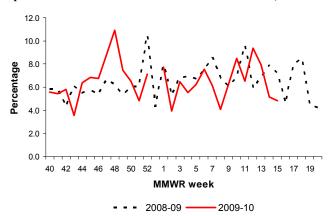
Outpatient Visits for Influenza-like Illness - Maine, 2008-10



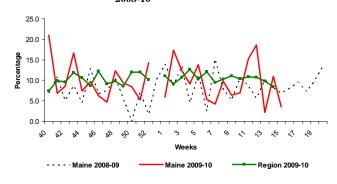
Emergency Department Visits for ILI and Fever at Fourteen Hospitals – Maine, 2008 -10



Hospital Admissions Due to Pneumonia or Influenza - Maine, 2008-10



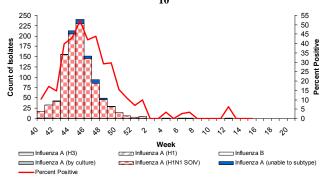
Percentage of Deaths Attributable to Pneumonia or Influenza – Maine, 2008-10



### Lab Data

- 8,031 influenza tests have been performed at HETL since April 27, 2009
  - o 17.6% of tests have been positive for H1N1

Respiratory Specimens Positive for Influenza from HETL – Maine, 2009-



Respiratory Specimens Positive for Influenza from Two Reference Laboratories - Maine, 2009-10

